

**INTERIM PEDRICKTOWN SITE GROUP TECHNICAL COMMITTEE
LEED ENVIRONMENTAL, INC.**

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April 15, 2003

Telecopy and First Class Mail

Mr. Joseph A. Gowers
Project Manager
New Jersey Superfund Branch II
Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region 2
290 Broadway, 19th Floor
New York, NY 10007-1866

**RE: NL Industries, Inc. Superfund Site; Pedricktown, NJ
Updated Groundwater Monitoring Well Condition Report**

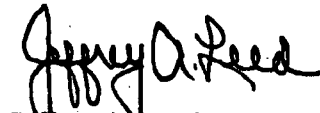
Dear Mr. Gowers:

Attached for your review is a copy of the updated Groundwater Monitoring Well Condition Report, prepared by Construction Services International, Inc. ("CSI"), for the NL Industries, Inc. Superfund Site. The report summarizes the current status of each monitoring well based upon visual observation and field measurements, but does not address certain conditions that could only be detected during groundwater sampling activities. A drawing showing the locations of the monitoring wells at the site is also attached.

Please contact this office if additional information is needed at this time. As you know, CSI is using the information in the report to prepare a groundwater monitoring plan for the site.

Very truly yours,

LEED ENVIRONMENTAL, INC.



Jeffrey A. Leed
Project Coordinator

attachment

cc: Mr. Dustin Ferris/Mr. Jeffrey Moore - CSI, Inc. (w/attachment, by telecopy)
Technical Committee, Pedricktown Site Group (w/attachment, by first class mail)

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NL INDUSTRIES WELL CONDITION REPORT (4/14/03)

All wells have been sounded with an electronic water level interface probe and condition inspections completed. The following is an estimate of which wells may be usable for sampling. However, additional wells may still need to be eliminated based on conditions found during sampling. All wells will need new padlocks. It is assumed that the status of the wells located at the NL Industries landfill remains unchanged. Abbreviations used: TD= TOTAL DEPTH, DTW = DEPTH TO WATER FROM TOP OF CASING (TOC), TOS = TOP OF SCREEN FROM PRE-EXCAVATION GROUND SURFACE, *WD = constructed well depth*

WELL ID**CONDITION**

CR2

OK, DTW = 10.56', TD = 33.7' (HARD BOTTOM), TOS = 25'

WD = 33.55'~~MW~~~~STICK-UP CASING FILLED WITH CONCRETE. THIS WELL WAS NEVER
USED IN THE PAST.~~~~HS~~~~SILTED OVER, NEEDS ABANDONMENT, SILT AT 3.72' FROM TOC ->
TOS = 44.6~~

HD

OK, NEEDS TABS WELDED ON PROTECTIVE CASING

DTW = 10.95', TD = 41.49 (SOFT BOTTOM), TOS = 23.8'

WD = 41.5'

MW22

OK, DTW = 7.02', TD = 23.12' (SOFT BOTTOM), TOS = 11'

MW23

OK, DTW = 6.81', TD = 32.26' (SOFT BOTTOM), TOS = 24'

~~IS~~~~SILTED OVER, NEEDS ABANDONMENT, SILT AT 3.62' FROM TOC
TOS = 5.5~~

ID

OK, DTW = 5.06', TD = 25.06 (SOFT BOTTOM), TOS = 18.6'

WD = 35.4'

10R

OK, NEEDS STEEL PROTECTIVE CAP, DTW = 14.2'

TD = 71.4 (SOFT BOTTOM), TOS = 66.5'

JS

OK, DTW = 5.12', TD = 15.4' (SOFT BOTTOM), TOS = 4.4'

WD = 17'~~JD~~~~PVC BROKEN AT 3.5' BELOW TOC, NEEDS ABANDONMENT
TOS = 17.7~~

MW24

OK, DTW = 14.92', TD = 75.35' (SOFT BOTTOM), TOS = 68'

WELL CONDITION REPORT CONT. (PG 2)

<u>WELL ID</u>	<u>CONDITION</u>
RS	SILTED OVER, NEEDS ABANDONMENT, DTW = 6.32', TD = 8.69' TOS = 5'
RD	OK, NEEDS 2" WELL CAP, DTW = 7.48', TD = 36.08' (SOFT BOTTOM), <i>WD = 36.03</i> TOS = 41'
MW29	ABANDONED DURING RA BY DELSEA WELL DRILLERS
MW30	ABANDONED DURING RA BY DELSEA WELL DRILLERS
MW27	TOS TOO NEAR GROUND SURFACE, BENTONITE SEAL COMPROMISED, NEEDS ABANDONMENT, TOS = 5'
MW28	OK, NEEDS 2" WELL CAP, PVC NEEDS TO BE CUT CLOSER TO GROUND SURFACE AND PROTECTIVE CASING REPLACED DTW = 9.15', TD = 31', TOS = 20'
AR	HISTORICALLY, STEEL PROTECTIVE CASING COULD NOT BE OPENED AND STILL CANNOT BE OPENED, WILL NEED TO CUT TOP OFF OF WELL, NO RECORD OF SAMPLING OF THIS WELL
OW	OK, DTW = 4.48', TD = 27.98' (SOFT BOTTOM)
PW	OK, PVC NEEDS TO BE CUT CLOSER TO GROUND SURFACE AND STEEL PROTECTIVE CASING REPLACED, DTW = 4.3', TD = 28.75 (SOFT BOTTOM)
KS	COULD NOT BE LOCATED, REMOVED DURING RA - <i>abandoned?</i>
KD	COULD NOT BE LOCATED, REMOVED DURING RA - <i>abandoned?</i>
SD	OK, NEEDS WELDING ON PROTECTIVE CASING, DTW = 5.47', TD = 29.25' (SOFT BOTTOM), TOS = 17.4' <i>WD = 28.96'</i>
SS	OK, NEEDS WELDING ON PROTECTIVE CASING, DTW = 4.78', TD = 16.32', TOS = 8.4' <i>WD = 16.77'</i>

WELL CONDITION REPORT CONT. (PG 3)**WELL ID****CONDITION**

MW31	OK, DTW = 6.91', TD = 17.26' (HARD BOTTOM), TOS = 5'
MW32	OK, DTW = 7.8', TD = 32.2' (HARD BOTTOM), TOS = 20'
S4-1	OK, DTW = 3.57', TD = 21.4' (HARD BOTTOM)
T2-3	OK, DTW = 4.58', TD = 28.05' (SOFT BOTTOM), TOS = 7.6'
T-C	PVC BROKEN AT 5' BELOW TOC, NEEDS ABANDONMENT
T-4	OK, DTW = 5.12', TD = 24.55' (HARD BOTTOM), TOS = 8'
T-A	OK, DTW = 5.57', TD = 23.05' (SOFT BOTTOM)
OS	OK, NEEDS 2" WELL CAP, DTW = 5.63', TD = 21.2 (HARD BOTTOM) TOS = 6.3'
OD	OK, NEEDS WELDING ON PROTECTIVE CASING AND 2" WELL CAP DTW = 6.52, TD = 37.2 (HARD BOTTOM), TOS = 12.3' WD = 37.15'
20	OK, NEEDS 4" WELL CAP AND PROTECTIVE CASING CAP, DTW = 11.51' TD = 68.4 (SOFT BOTTOM), TOS = 59.2'
11	K, NEEDS 4" WELL CAP, DTW = 3.64', TD = 54.1' (SOFT BOTTOM) TOS = 34.1 WD = 53.99'
PD	OK, NEEDS 2" WELL CAP AND PROTECTIVE CASING CAP DTW = 5.09', TD = 29.75' (SOFT BOTTOM), TOS = 16.8' WD = 29.75'
PS	OK, DTW = 4.01', TD = 19.85' (SOFT BOTTOM), TOS = 7.9' WD = 21.11'
11R	OK, DTW = 4.79', TD = 24.3' (SOFT BOTTOM)
BR	OK, DTW = 3.4', TD = 39' (SOFT BOTTOM), TOS = 31' WD = 38.85'
21	OK, DTW = 9.33', TD = 75.11' (SOFT BOTTOM)
1B	OK, DTW = 4.95', TD = 55.95' (SOFT BOTTOM)